

## WHAT IS CLAIMED

1. A method for packaging objects, a stack of goods on a pallet in particular, with a hose-shaped stretch foil guided in run-like manner as hose of lateral folds in particular, including the steps of
  - forming a foil hood harmonized to the length of said good to be packed or a band stock hose;
  - reefing said foil hood or band stock, respectively, on several gripper means movable in essentially horizontal direction, of a lifting frame movable in essentially vertical direction;
  - tentering said reefed foil hood or band stock, respectively, in essentially horizontal direction by movement of said gripper means such that said tentered opening of said foil hood or band stock, respectively, is larger than the contour of said objected to be packed and wherein said foil hood or band stock, respectively, is expanded in essentially horizontal direction;
  - pulling-over of said foil hood or band stock, respectively, over said object by the essentially vertical movement of said lifting frame, wherein said foil hood or band stock, respectively, is pulled-off from said gripper means and is expanded in essentially vertical direction; wherein said tension of said foil hood or band stock, respectively, in the region of the upper side of said stack of goods is controlled.
2. The method as defined in claim 1,

wherein said foil hood or band stock, respectively, again is partly pulled down from said gripper means during tentering.

3. The method as defined in claim 2,  
wherein said pulling-off speed of said foil hood or band stock, respectively, during tentering is lower than the speed of the essentially horizontal movement of said gripper means.
4. The method as defined in one of the preceding claims,  
wherein said pulling-off speed of said foil hood or band stock, respectively, during pulling-over of said foil hood is lower than the speed of the essentially vertical movement of said lifting frame.
5. The method as defined in one of the preceding claims,  
wherein said reefing or pulling-off, respectively, of said foil hood or band stock, respectively, during reefing and/or tentering, respectively, and/or pulling-off of said foil hood during pulling-over is effected by the movement of said rolls, wherein the outer surfaces of said rolls shift said foil hood pushed onto said gripper means.
6. The method as defined in one of the preceding claims,  
wherein said foil hood or band stock, respectively, is held on said gripper means during the pulling-over end phase.

7. The method as defined in claim 6 in combination with claim 5,  
wherein said holding of said foil hood or band stock, respectively, is effected by means of said rolls which press said foil hood against said gripper means.

8. An apparatus for packaging objects, a stack of goods on a pallet in particular, with a hose-shaped stretch foil guided in run-like manner as hose of lateral folds in particular, including:

- a lifting frame movable in essentially vertical direction, for pulling a foil hood over said stack of goods;
- several gripper means provided for on said lifting frame, for seizing and expanding said foil hood or band stock, respectively, in essentially horizontal direction;
- reefing means provided for on said gripper means, for reefing and pulling-off of said foil hood from said gripper means;

wherein said reefing means comprise control means for controlling the expansion of said foil hood or band stock, respectively, in the area of the upper side of said stack of goods.

9. The apparatus as defined in claim 8,  
wherein said reefing means can partly pull down said foil hood or band stock, respectively, from said gripper means during the essentially horizontal movement of said gripper means.

10. The apparatus as defined in claim 9,  
wherein by said control means the pulling-off speed during the essentially horizontal movement of said gripper means and/or the vertical movement of said lifting frame is controllable.
11. The apparatus as defined in claim 9 or 10,  
wherein said control means control the pulling-off speed of said foil hood or band stock, respectively, such that during the essentially horizontal movement of said gripper means it is lower than the speed of the movement of said gripper means and/or that during the essentially vertical movement of said lifting frame it is lower than the speed of the movement of said lifting frame.
12. The apparatus as defined in one of claims 8 to 11,  
wherein each reefing means comprises at least one roll which can be brought into contact with said lifting frame and which can roll said foil hood or band stock, respectively, on said respective gripper means or roll it down therefrom, respectively.
13. The apparatus as defined in one of the claims 8 to 12,  
wherein said reefing means comprises a holding means for holding said foil hood or band stock, respectively, on said respective gripper means in the pulling-over end phase.

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|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |